

KeyPro

Windows Mobile® Edition



User Guide

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Preface

The KeyPro – Bluetooth® keyboard manager that runs on Windows Mobile® OS™ powered Bluetooth® devices allow a registered user to process keyboard data input wirelessly utilizing portable Bluetooth® keyboards. This Piece of hardware and software combines state of the art wireless technologies with cutting edge design to deliver a unique end-user experience in mobile computing.

System Requirements

Handheld - Compatibility

The KeyPro Bluetooth® keyboard manager has been tested with the several Windows Mobile® powered devices.

However at the time of this manual being written not every device have been tested, there is a good possibility that the KeyPro keyboard manager will work. However, MyMobileGear.Com and its suppliers cannot not guarantee the keyboard manager will work with all device(s).

To ensure that the KeyPro Bluetooth® keyboard manager works with your keyboard and Windows Mobile® powered devices, download and test the KeyPRO driver before purchasing a license.

Keyboard - Compatibility

Keyboard / Manufacture	Name	KeyPro
ThinkOutside Stowaway Shasta Keyboard	Shasta (STWBBDT)	✓
Freedom Input Universal Keyboard	-	✓
Chainpas SmartKeyboard	BK600 SmartKeyboard	✓
Freedom Blackberry Keyboard	BK600 SmartKeyboard	✓
Amzer SmartKeyboard	BK600 SmartKeyboard	✓
Xema BlueKeyboard	BK600 SmartKeyboard	✓
Snap-N-Type Keyboard	-	✓
i.Tech Dynamic Virtual Keyboard	VKB	N/A

Releasing the Power of Your Windows Mobile® Keyboard

Overview

KeyPro – Windows Mobile® Edition is a compatible Bluetooth® keyboard management utility built on a Bluetooth® keyboard driver core. This design enables KeyPro to extend the basic Bluetooth® keyboard driver functionality by adding a feature rich environment allowing the user to fully control just about every aspect of their Windows Mobile® pda or smart phone right from their Bluetooth® keyboard.

In order to fully utilize KeyPro's capabilities, one need to understand the many features and functionality of KeyPro and how they are used and what they are intended to be used for. Several of KeyPro's features can affect your ability to be productive when using applications that require a high information input from keyboard such as message, text editors, memo, etc.

To help with identifying the important features of KeyPro, the following conventions are used throughout this manual that we think will help you better understand how to get the most from the KeyPro keyboard management system.

Conventions

A number of different fonts, key words and characters are used to indicate different types of information through out the manual. Here are some examples and what they mean.

[Brackets] are used to point out key steps, features, commands, etc.

Usage: the key word "Usage" is especially important because it identifies what a specific feature does and how it can be used.



Arrows are used to point focus to features on figures and images.

Note: Notes are used through out the manual and are of high importance. Pay special attention to these.

Features

KeyPro – Features

The table below list the many feature of KeyPro – Windows Mobile® Edition.

Features	Specifications	KeyPro
Compatible with: Windows Mobile® 2003, 5.0, 6.0, 6.5		✓
65 Key Support (Key Mapping Based on the Original My Mobile Gear Drivers)		✓
Graphical Interface		✓
Multi-Language Support		N/A
Multi-Tasking - Switching between applications using keyboard		✓
Typematic Rate Control		✓
* Repeat Delay - Helps reduce accidental key press		✓
* Repeat Rate - Controls speed of repeating characters		✓
* Repeating Characters – Enable / Disable		✓
User Programmable Keys	User programmable hotkeys	✓
* User defined hotkeys for Message (email) application		✓
* User defined hotkeys for Contacts (Address book) application		✓
* User defined hotkeys for Task (ToDo) application		✓
* User defined hotkeys for Calendar application		✓
* User defined hotkeys for running applications		✓
* User defined hotkeys for Compose email		✓
* User defined hotkeys for Create Memo		✓
* User defined hotkeys for Create Task		✓
* User defined hotkeys for Sound volume		✓
Language Layout Configuration	Maximum of (5) keyboard language be selected for hotkey switching	N/A
* User defined Hotkey for switching language layouts		N/A
* User Enable / Disable audible layout switching indicator		N/A
* User adjustable warning volume control		N/A
* User adjustable display warning when switching occurs		N/A
* User selectable language (up to 5 languages can be selected)		N/A
* User defined default language layout		N/A
Audible Keyboard Connect / Disconnect Indicators	Available on devices that support extended sounds.	✓
* Enable / Disable		✓
* Volume Control		✓
Power Saving Modes		✓
* Backlight - Auto On Mode Enable / Disable		✓
Backlight Brightness Control (Device(s) that supports adjustment)	Available on devices that support backlight adjustments	✓
* Brightness Control - Hotkey Increase Brightness		✓
* Brightness Control - Hotkey Decrease Brightness		✓
Symbol (SYM) Key Simulation (Dedicated Hotkey)		N/A
KeyPress Sound Simulation		✓
* KeyPress Sound – Enable / Disable		✓
* KeyPress Sound – Volume		✓

Installation

KeyPro Bluetooth Keyboard Manager Installation

Please follow the instructions below to install the KeyPro Bluetooth® keyboard manager. onto your Windows Mobile® device. This is a two-step process. The first is to install the KeyPro files onto your desktop PC. The second step is to use the Active Sync Application Loader to install the KeyPro keyboard manager onto your device.

Note:

It is assumed that you have already installed the Active Sync Desktop software that came with your device and that you have successfully performed at least one synchronization between your Windows Mobile® device and the computer you are using to install this software. If not, please consult the documentation that came with your Windows Mobile® device and set up your system before continuing with this installation.

PC Installation

In order to install keyboard driver onto your device...

1. Locate the **KeyPro** files. This is the files that were provided on some type of media, downloaded from the Internet, or as an attachment through an e-mail.

If the file has the ZIP or RAR file extension, extract the driver file(s) before continuing on to the installation process.

2. Once the driver files have been extracted and saved on you desktop or laptop computer, go to the following section “**Device Installation**” to install the driver onto the handset.

Device Installation – Active Sync Manager

The Windows Active Sync Manager is used for synchronization is also used to install the KeyPro driver onto your device. Simply connect your device to your desktop PC and run the KeyPro [install.exe] file. The following prompts on the PC and on the device.

Installation Continue

Device Installation – Active Sync Manager

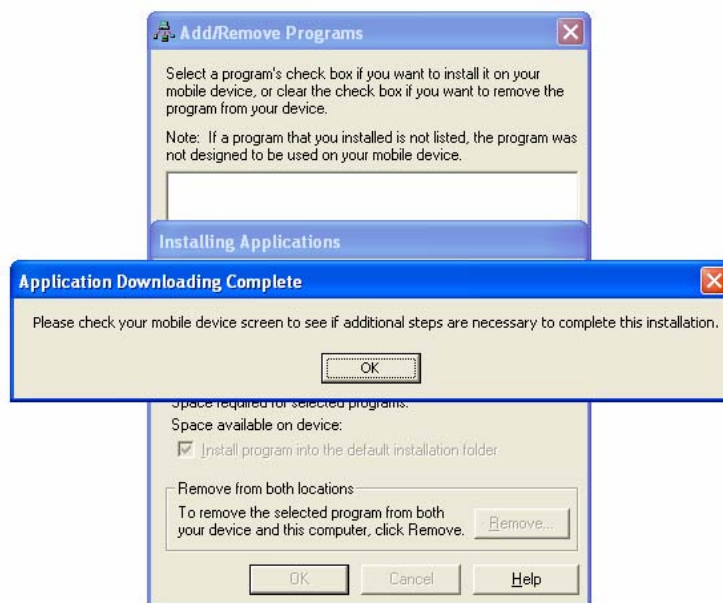
The Windows Active Sync Manager is used for synchronization is also used to install the KeyPro driver onto your device. Simply connect your device to your desktop PC and run the KeyPro [Setup.exe] file. The following prompts on the PC and on the device.

1. Connect your device to PC using supplied cable.
2. Locate the KeyPro “Setup.exe” file and the setup. The screen on the right will be displayed.



3. Click the [Ok] option when the KeyPro application has finished downloading onto your device.

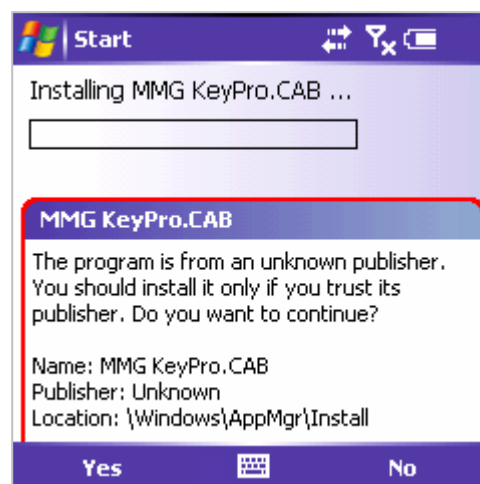
Continue to next section for on-device installation to complete the installation.



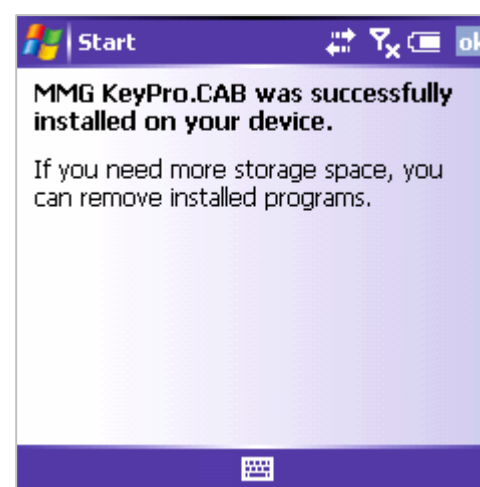
Installation Continue

On-Device Installation

- Click on the [Yes] option at the bottom of the screen to continue the installation.

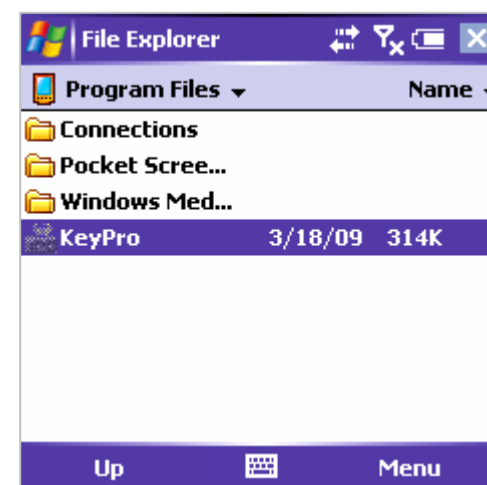


- Click [OK] option at the top-right of the screen to close the completion dialog.



- Notice that a new “KeyPro” icon appears on your device.

Installation is now completed. Continue with keyboard Bluetooth® pairing and KeyPro configuration before using the keyboard.



Bluetooth Setup

Keyboard Pairing

Now that the KeyPro keyboard manager application is installed on your Windows Mobile® device, the Bluetooth® Manager needs to be configured to work with the keyboard.

The following steps show how to [Pair] your Bluetooth® keyboard using the device Bluetooth manager application.

7. Before proceeding with the keyboard pairing, turn on your keyboard.

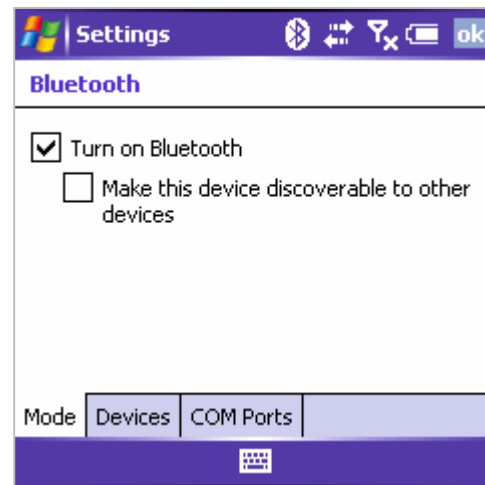
8. Open the Bluetooth® manager as shown in the figure on the right.

The Bluetooth manager is found under [**Settings/Connections**] on your device.

9. Check the [☒ Turn on Bluetooth®] checkbox as shown in the figure on the right.

10. Select [Device] from the tab at the bottom of the screen.

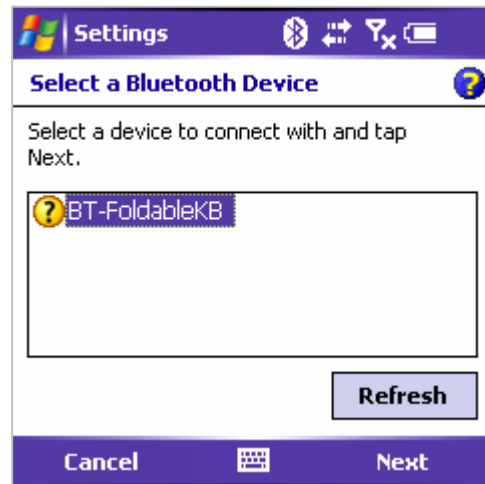
11. Select [New Partnership] from list of options as shown in the figure on the right to begin the discovery process.



Bluetooth Setup

Keyboard Pairing Continue

12. When the discovery process has completed, highlight your keyboard as shown in the figure on the right and click the [Next] menu option to continue.

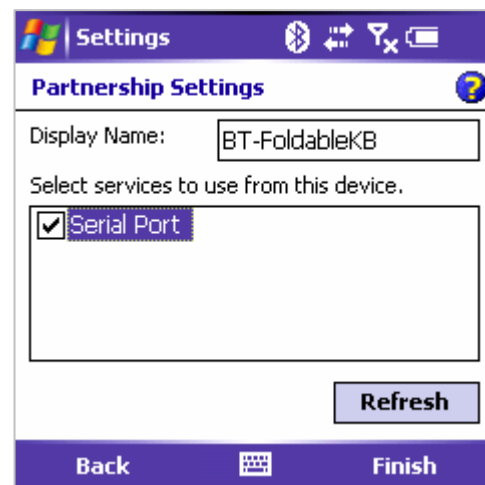


13. When prompted to enter passkey, type in the [0000] or the appropriate pairing key as needed.



14. Click on the [Next] menu option to continue.

15. Check the [] Serial Port option as shown in the figure on the right and click on the [Finish] menu option to continue.



Bluetooth Setup

Keyboard Pairing Continue

16. Notice that if pairing was successful your keyboard will listed in the figure on the right.



Note:

If the above steps were performed correctly, the keyboard should be listed in the **Paired Device** list as shown in the figure on the right.

If the keyboard is not listed, perform **Steps 5 – 10** until the keyboard is properly paired with the device.

Registration

KeyPro Registration Key

Now that the KeyPro keyboard manager application is installed on the device, the KeyPro application needs to be registered.

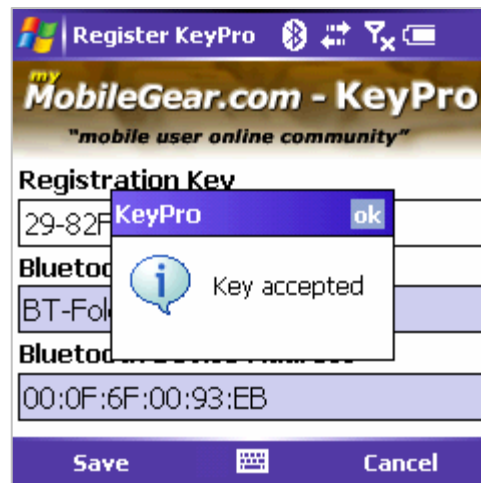
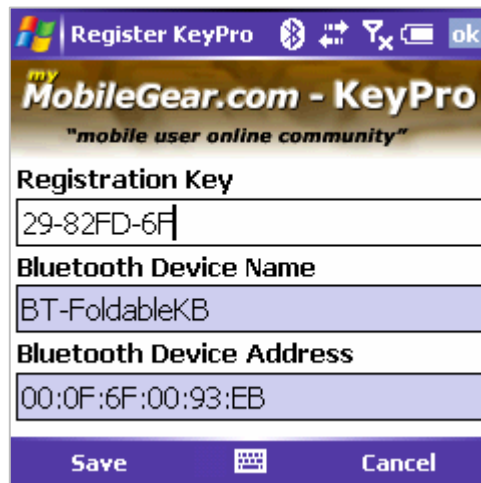
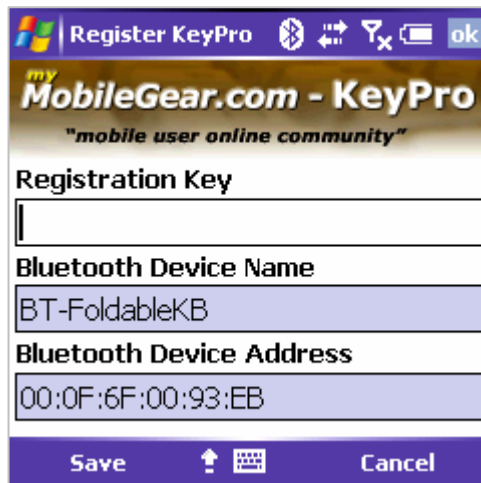
1. Open the KeyPro manager application and click on the [Register] option as shown in the figure on the right.

If you already have a registration key, continue on to step 2. If you don't have a key record the "Bluetooth® Device Address" and register online at www.mymobilegear.com for received your key.

2. Enter in the registration key code provided you as shown in the figure on the right.
3. When the registration key has been entered click on the [Save] menu option to continue.

Note: If your key was enter correctly and is valid, a message indicating the key was accepted will be shown as in the figure on the right.

If you get "Key not valid" message check that you enter the key properly.



Main Options Screen

KeyPro Options

KeyPro Manager Application options are divided into three main. The following provides details on these options.

1. Layouts:

Manage Layouts is used for managing keyboard language layouts. Manage Layouts lets you select the different languages to be used with the keyboard and it also allows you to configure various control features when switching between languages. (Not available at this time)

2. Hotkeys:

Manage Hotkeys is used for creating and managing hotkeys. Manage Hotkeys lets you Create / Edit / Delete / View Actions hotkeys.

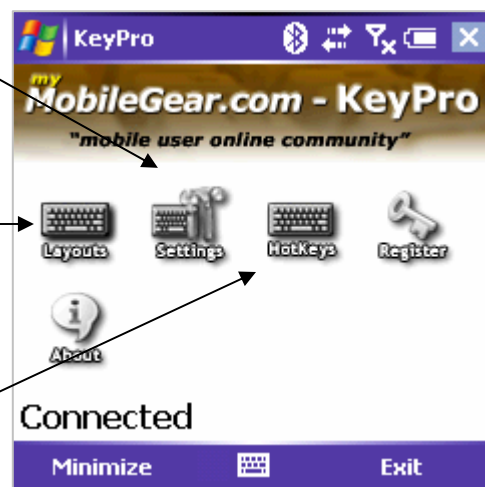
3. Settings:

Keyboard Settings is used to configure remaining options/features that controls how the keyboard will responds to various user input or conditions. These options or features vary in the different versions offered in KeyPro.

Keyboard Settings Command:

Layouts Command:

Hotkeys Command:

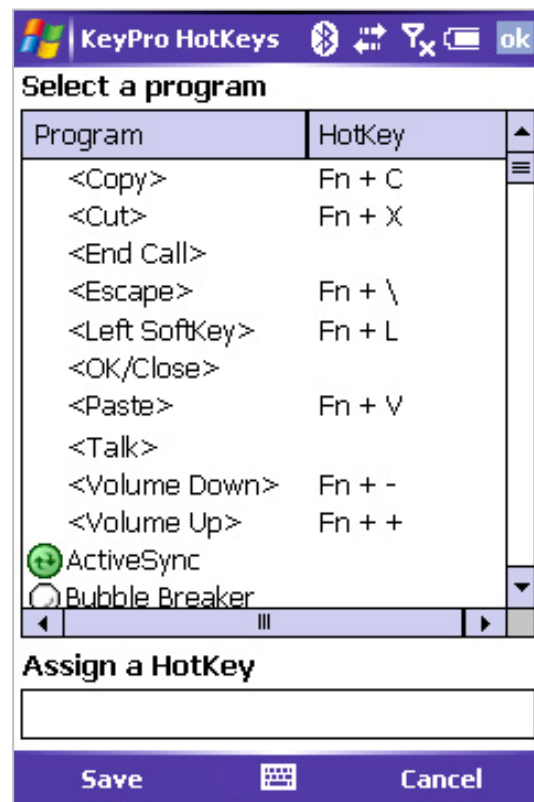


Manage Hotkeys

Key Substitutions (Hotkeys)

Usage: Hotkeys (Key Substitutions) are used to help reduce the number of steps required to perform a task such as opening the message application and composing an email. The following list of items is what can be done using KeyPro hotkey system.

- Launch Application (Standard & third Party Applications)
- Compose Mail
- Create Memo
- Create Task
- Open Options
- Start Browser
- Navigation
- Menus



The figure above shows a sampling of KeyPro Hotkey assignments.

Assign Hotkeys

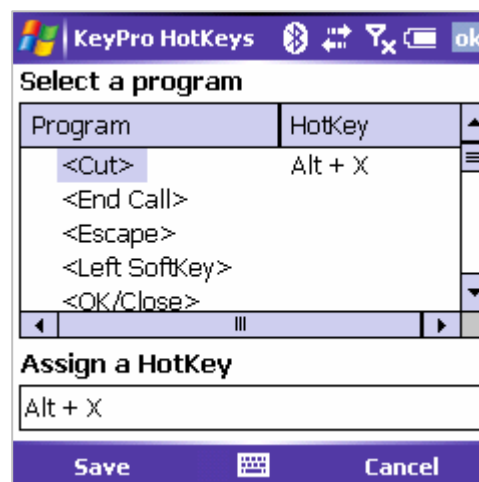
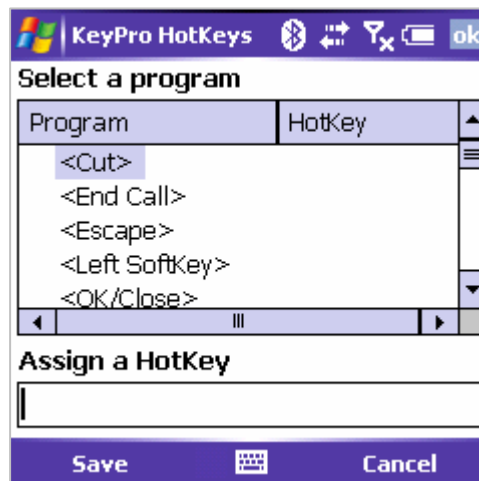
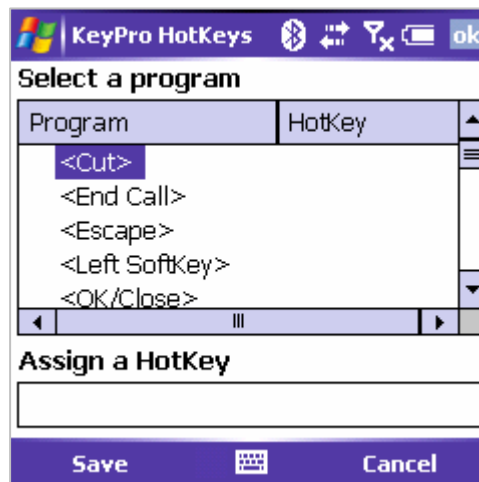
Creating & Editing Hotkeys

The following screens show how to add your own hotkeys.

Setup Hotkey – Main screen used for managing hotkeys. Hotkey main screen displays the *list of user defined hotkeys*.

Before adding new hotkeys be sure your keyboard is connected with the KeyPro manager.

1. Select the option or application you want to assign a hotkey to as shown in the figure on the right.
2. Place the cursor in the [Assign a HotKey] field at the bottom of the screen as shown in the figure on the right.
3. Type the hotkey sequence on your Bluetooth keyboard once or until it shows up in the field as shown in the figure on the right.
4. Select the [Save] menu option to save your new hotkey assignments.

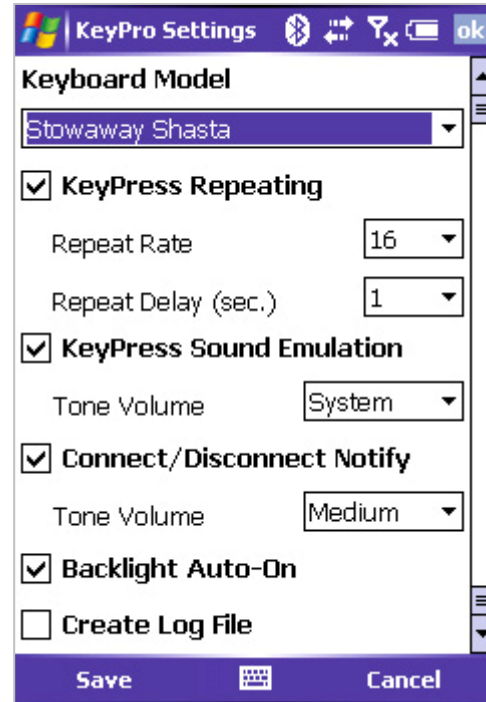


Keyboard Settings

KeyPro Configuration Options

The following describe the various options used for managing KeyPro and keyboard.

- **Keyboard Model** – Selection of the current keyboard model to use.
- **[✓] KeyPress Repeating** – Checking the Enable Auto Repeat checkbox switches the Auto Repeat function to on. While un-checking the Enable Auto Repeat checkbox switches the Auto Repeat function to off.
 - Repeat Rate: 16
 - Repeat Delay (sec.): 1
- **Repeat delay** – The rate at which the key repeat occurs. The range of settings is from (1 – 30) with the slowest at 1 and fastest repeat rate of 30.
- **Repeat rate** – The rate at which repeated keys are injected. The range of settings is from (1 – 30) with the slowest at 1 and fastest repeat rate of 30.
- **[✓] KeyPress Sound Emulation** – Enable/Disable keypress sound emulation.
 - Tone Volume: System
- **[✓] Connect / Disconnect Notify** – Enable/Disable notification that the keyboard has connected or disconnected.
 - Tone Volume: Medium
- **[✓] Backlight Auto-On** – Enables automatic backlight control when a key is pressed on the keyboard.
- **[✓] Create Log File** – Used by MyMobileGear.Com programmers to debug KeyPro driver problems.



Troubleshooting

Problem	Possible cause	Corrective action
KeyPro starts but does not connect to keyboard.	On certain device that use the Widcomm Bluetooth® Stack it is necessary to make initial connection to keyboard in the Bluetooth® Manager.	Open your device Bluetooth® Manager and highlight your keyboard. Tap and hold stylus on your keyboard's name and select connect. After keyboard has connected all subsequent connection from within KeyPro should now work properly.
My keyboard is paired but KeyPro indicates keyboard not found.	Your keyboard must be set as default within KeyPro.	Open KeyPro [Settings] screen and select your keyboard.
Pressing and holding a key does not repeat characters.	Auto Repeat not enabled.	Enable [] KeyPress Repeating in "settings screen".
My device does not emit key taps when pressing a key.	KeyPress Sound setting is not enabled in KeyPro.	Enable " KeyPress Sound Emulation " then set the desired volume.
Can't pair another Bluetooth device to my device when KeyPro is installed.	When KeyPro is actively searching for the keyboard the Bluetooth Manager becomes busy this prevents new devices from pairing.	Try disabling KeyPro driver by exiting the KeyPro application.